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CAGE TYPE INDUCTION MOTOR

Patent number: JP60187247
Publication date: 1985-09-24
Inventor: FUJIMAKI TADAO
Applicant: URAWA KOGYO KK
Classification:
- **international:** H02K17/02; H02K16/04
- **european:**
Application number: JP19840041722 19840305
Priority number(s):

Abstract of JP60187247

PURPOSE: To compose a polyphase coil by a simple method by combining a plurality of sets of stator units made of stator core and stator coils.

CONSTITUTION: Stator units A, B which are made of a stator core 6 and stator coils 2, 3 are inserted fixedly in a case so that the central axes of the poles are difference at 90 deg. from each other to construct a 2-phase stator. A cage type rotor C has a length corresponding to the axial length of the stator, and is supported by bearings 8. When sinusoidal waves which have 90 deg. phase shift are supplied to the units A, B, a torque which continues the rotation is generated at the rotor C.

